TOP SECRET RUFF

T O P S E C R E T RUFF 331803Z OCT 68 CITE [   ] 4712 OuT 66065   25X1
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THIS INFORMATION IS FROM[   ]
   THE SOVIET PETROLEUM REFINERIES REFERRED TO IN THE DISCUSSION IN   25X1
IAS WITH [   ] AND THEIR ESTIMATED CHARGE
CAPACITIES IN METRIC TONS PER YEAR DERIVED FROM PHOTOGRAPHIC
ANALYSIS, ARE AS FOLLOWS: KIRISHI: 6,000,000, KREMENCHUG: 6,000,000,
FERGANA: 12,000,000PLUS, POLOTSK: 12,000,000, AND NADVORNAYA:
6,000,000. THE FIGURES FOR THE FIRST TWO REFINERIES AGREES WITH
THAT GIVEN IN DIA FORM 214, ICOD, 9 JULY 68 (SECRET). FIGURES FOR
THE LAST THREE ARE SIGNIFICANTLY LARGER THAN THOSE GIVEN IN THE
JULY LISTING.
   THESE ESTIMATES WERE DERIVED FROM THE IDENTIFICATION ON PHOTOGRAPHY
OF A UNIQUE GROUP OF REFINING EQUIPMENT WHICH APPEARS AT EACH OF
THE ABOVE REFINERIES. THESE STANDARDIZED UNITS WERE CONSTRUCTED
IN THE EARLY 1960'S AND IN OUR OPINION ARE PROBABLY THE UNIT WHICH
IS DESCRIBED BRIEFLY IN A BOOK, THE PETROLEUM INDUSTRY OF THE SOVIET

PAGE 2 [   ] 4712 T O P S E C R E T RUFF   25X1
UNION REPEAT THE PETROLEUM INDUSTRY OF THE SOVIET UNION, PUBLISHED
BY THE AMERICAN PETROLEUM INSTITUTE IN 1961, WHICH STATES ON
PAGE 108 THAT THE "NEW REFINERIES UNDER CONSTRUCTION UTILIZE
THE NEW STANDARD OF 6,000,000 TON CHARGE CAPACITY, USING EITHER
TWO OR THREE CRUDE UNITS." THIS BOOK, REPORTS THE FINDINGS OF THE
US OIL DELEGATION TO THE SOVIET UNION IN 1960. THIS DELEGATION
CONSISTED OF HIGH LEVEL REPRESENTATIVES FROM THE US PETROLEUM
INDUSTRY AND GOVERNMENT OFFICIALS. EXAMPLES OF OTHER REPORTS
WHICH CONFIRM THE STANDARDIZED DESIGN CONCEPT INCLUDE: INTELLIGENCE
INFORMATION REPORT NO. 1 523 1735 63 (UNCLASSIFIED) AND U. S.
DEPARTMENT OF COMMERCE, JPRS: 44,881, "EXPERIENCE IN REDESIGNING THE
VACUUM SECTION OF AN EXPANDED ATMOSPHERIC - VACUUM PIPE STILL", 1
APRIL 68 (UNCLASSIFIED).
   IAS IS CONTINUING TO STUDY OTHER REFINERIES BUT HAS NO
ADDITIONAL CAPACITY FIGURES TO REPORT.
   [   ] FYI: THE INFORMATION OBTAINED FROM THE IAS REFINERY   25X1
STUDIES HAS BEEN FORWARDED TO THE DIA PERSONNEL RESPONSIBLE FOR
PREPARATION OF THE DIA FORM 214 THROUGH CIA/OER.
   FOR FURTHER INFORMATION REGARDING SOVIET REFINERY CAPACITIES,
PLEASE CONTACT CIA/OER, USSR/EASTERN EUROPEAN DIVISION.
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                                                                         25X1

                              END OF MESSAGE

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GROUP 1
Excluded from automatic
downgrading and
declassification